

# INTERNATIONAL SEARCH REPORT

onal Application No  
PCT/GB2004/002438

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L29/06 H04L12/58 H04L12/14 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L G06F G07B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/054764 A (LEE YOUN-SOOK ; WON HYE-YON (KR)) 3 July 2003 (2003-07-03) page 1, line 4 - page 16, line 2; figures 1-2B,5	1-35,42
X	WO 03/005145 A (KONTIO MARKKU ; SIPPONEN JUHA (FI); STENMAN JORMA (FI); YLITALO TAPIO) 16 January 2003 (2003-01-16) page 10, line 17 - page 22, line 32; figures 1,6,9 page 72, line 1 - page 89, line 23	1-17, 22-27, 31,35,42
A	US 2001/025254 A1 (PARK CHOON-WOO) 27 September 2001 (2001-09-27) paragraph '0002! - paragraph '0052!; figures 1-5	1-35,42

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another claim or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

8 November 2004

Date of mailing of the international search report

01.12.04

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3018

Authorized officer

Günther, S

# INTERNATIONAL SEARCH REPORT

nal Application No  
PCT/GB2004/002438

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HUHNLEIN D ET AL: "Secure and cost efficient electronic stamps" INTERNET CITATION, 30 November 1999 (1999-11-30), pages 1-7, XP002185463 the whole document	1-35,42
X	WO 98/39719 A (SKYLIGHT SOFTWARE INC) 11 September 1998 (1998-09-11) page 2, line 7 - page 8, line 8; figures 1,2	36-41
A	US 6 088 687 A (LELEU JEAN-LUC) 11 July 2000 (2000-07-11) column 1, line 1 - column 17, line 19; figure 2	36-41
A	US 5 771 289 A (KUZMA ANDREW) 23 June 1998 (1998-06-23) column 1, line 1 - column 4, line 67; figures 1,4b	36-41

# INTERNATIONAL SEARCH REPORT

national application No.  
PCT/GB2004/002438

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

International Application No. PCT/GB2004 /002438

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-35,42

Authentication scheme to inhibit sending of unsolicited emails via a data transmission network  
---

2. claims: 36-41

Providing an email service to a user not having prearranged access at a bandwidth  
---

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/GB2004/002438

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03054764	A	03-07-2003	WO 03054764 A1	03-07-2003
			KR 2003048360 A	19-06-2003
WO 03005145	A	16-01-2003	EP 1449132 A2	25-08-2004
			WO 03005145 A2	16-01-2003
US 2001025254	A1	27-09-2001	KR 2001087956 A	26-09-2001
			AU 4123001 A	17-09-2001
			CA 2402347 A1	13-09-2001
			CN 1426566 T	25-06-2003
			EP 1269371 A1	02-01-2003
			JP 2003526164 T	02-09-2003
			WO 0167330 A1	13-09-2001
WO 9839719	A	11-09-1998	AU 6689398 A	22-09-1998
			US 6199054 B1	06-03-2001
			WO 9839719 A1	11-09-1998
US 6088687	A	11-07-2000	FR 2745966 A1	12-09-1997
			AT 202246 T	15-06-2001
			AU 708404 B2	05-08-1999
			AU 2031197 A	22-09-1997
			CA 2248789 A1	12-09-1997
			DE 69705207 D1	19-07-2001
			DE 69705207 T2	07-03-2002
			EP 0885504 A1	23-12-1998
			ES 2159846 T3	16-10-2001
			WO 9733404 A1	12-09-1997
			IL 126030 A	10-04-2003
			JP 2001500642 T	16-01-2001
US 5771289	A	23-06-1998	NONE	

Patent Office  
United Kingdom  
Patent Office  
United Kingdom